

IN THE CLAIMS:

Please amend the claims, as follows:

75. (Currently amended) A method comprising:

~~receiving~~ storing a signal containing information about an active ticket
in a mobile terminal for use by a mobile terminal user, said stored active ticket
having a validation status;

receiving a control signal from a ticket service provider; and

in response to a the received control signal, dynamically changing a
ticket multimedia validation feature ~~characteristic~~ of the active ticket provided
by the mobile terminal, for indicating a change in the validation status based
~~on one or more states in a life cycle~~ of the active ticket, wherein the said ticket
multimedia feature ~~characteristic includes~~ comprises multimedia data ~~changes~~
~~or other presentation data, including text, sound, animation, video, still~~
~~pictures, or some combination thereof,~~ being used for the active ticket
verification by a ticket inspector.

76. (Previously presented) A method according to claim 75, wherein
the method comprises providing a request for the active ticket from the mobile
terminal.

77. (Currently amended) A method according to claim 75, wherein the validation status comprises one or more states in the life cycle ~~include a state~~ of being either purchased, validated, invalidated, template, pre-valid, prepared, or some combination thereof for one or more different events.

78. (Currently amended) A method according to claim 75, wherein the ticket multimedia validation feature characteristic ~~characteristic~~ dynamically changes based on a payment by the user of the mobile terminal.

79. (Currently amended) A method according to claim 75, wherein the ticket multimedia validation feature characteristic ~~characteristic~~ dynamically changes based on a predetermined time, status or combination thereof.

80. (Currently amended) A method according to claim 75, wherein the ticket multimedia validation feature characteristic ~~characteristic~~ dynamically changes based on a predetermined or changing geographic location.

81. (Currently amended) A method according to claim 75, wherein the ticket multimedia validation feature characteristic ~~characteristic~~ dynamically changes based on a purchase transaction between a user of the mobile terminal and a ticket service provider.

82. (Canceled) A method according to claim ~~75~~, wherein a ticket service provider provides future ticket characteristic information to the mobile terminal that determines and/or activates the ticket characteristic.

83. (Currently amended) A method according to claim ~~75~~ 82, wherein the ~~ticket characteristic control signal comprises information related to at least one of~~ includes ticket characteristic multimedia validation feature control data, a ticket multimedia validation feature characteristic algorithm, a ~~p~~Previously presented set of ticket related media or a combination thereof.

84. (Currently amended) A method according to claim 83, wherein the ticket multimedia validation feature characteristic control data includes comprises ~~previously presented control data to change the ticket characteristic at least one of an algorithm, or other presentation data,~~ including previously presented and parameter values associated with the active ticket.

85. (Currently amended) A method according to claim ~~75~~ 83, wherein the ~~ticket characteristic control signal data~~ signal data is received at a certain time or location, or just before the active ticket is to be used.

86. (Currently amended) A method according to claim 75 83, wherein the ~~ticket-characteristic control~~ signal data is sent to only purchased tickets based on a respective identification code associated with a respective mobile terminal.

87. (Currently amended) A method according to claim 75 83, wherein the active ticket is ~~validated~~ verified using visual or audio verification ~~validation~~ based on the ticket multimedia validation feature ~~characteristic~~.

88. (Currently amended) A method according to claim 875, wherein the visual or audio verification ~~validation~~ is performed by either a human, or a machine, or some combination thereof.

89. (Currently amended) A method according to claim 75 82, wherein the ticket service provider provides the control signal ~~ticket-characteristic~~ ~~information~~ to the mobile terminal via the Internet or a mobile network.

90. (Currently amended) A method according to claim 75 82, wherein the ticket service provider provides the control signal ~~ticket-characteristic~~ ~~information~~ to the mobile terminal using a Jjava-based protocol, e.g. mobile information device profile Over the Air approach.

91. (Currently amended) A method according to claim 75 ~~82~~, wherein the ticket service provider controls the ticket multimedia validation feature characteristic by providing a control token, including either one based on an ~~i~~International mMobile ~~e~~Equipment ~~i~~Identity or a provision based on the ~~i~~International mMobile ~~e~~Equipment ~~i~~Identity.

92. (Currently amended) A method according to claim 75 ~~87~~, wherein the ticket multimedia validation feature characteristic is an audio ticket ~~characteristic~~ validation feature and the audio validation is based a relative frequency change.

93. (Currently amended) A method according to claim 75 ~~87~~, wherein the ticket multimedia validation feature characteristic ~~includes~~ comprises an audio watermark embedded therein using a secret key.

94. (Currently amended) A method according to claim 93, wherein ~~the~~ audio verification ~~validation~~ is performed by a machine that uses ~~the~~ a secret key to detect and validate the ~~at least one~~ active ticket by listening to the sound thereof.

95. (Currently amended) A method according to claim 75 ~~93~~, wherein the ~~at least one~~ active ticket is implemented using a protocol based on mMobile electronic ~~t~~Transactions, including the mMobile electronic ~~t~~Transactions ticket format.

96. (Currently amended) A method according to claim 95, wherein the mMobile electronic transactions ticket format ~~contains~~ comprises only a template for a pre-valid active ticket.

97. (Currently amended) A method according to claim 95, wherein the mobile transaction ticket format ~~contains~~ comprises valid ticket information for a valid active ticket.

98. (Currently amended) A method according to claim 97, wherein the valid ticket information is removed from the mMobile electronic transactions ticket for a used active ticket.

99. (Currently amended) A method according to claim 75, wherein the method is implemented using an active ticket system architecture comprising the mobile terminal and a ticket service provider.

100. (Currently amended) A method according to claim 99, wherein the ticket service provider ~~includes~~ comprises a ticket generator responsible for generating the active ticket for the mobile terminal.

101. (Currently amended) A method according to claim 99, wherein the ticket service provider ~~includes~~ comprises a ticket issuer for delivery and updating of the active ticket, or upgrading an active ticket application at the mobile terminal.

102. (Currently amended) A method according to claim 99, wherein the ticket service provider ~~includes~~ comprises a memory device or database for ticket data and user information and logs.

103. (Currently amended) A method according to claim 75 99, wherein the active ticket ~~mobile terminal~~ includes comprises a mobile active ticket application that is ~~the active ticket~~ installed and run on the mobile terminal.

104. (Currently amended) A method according to claim 75 99, wherein the mobile terminal ~~includes~~ comprises a ticket transaction module, which is configured to support various payment methods, including a credit or debit card, or short messaging service based micropayment, for terminal user's preference, for supporting ticket purchases.

105. (Currently amended) A method according to claim 75, wherein the active ticket ~~includes~~ comprises a plurality of ~~several~~ active tickets.

106. (Currently amended) A method according to claim 105, wherein each of the ~~several~~ plurality of active tickets ~~includes~~ comprises ~~several~~ one or more different events.

107. (Currently amended) A method according to claim 105, wherein each active ticket ~~includes~~ comprises a respective series of life cycles, each life cycle being associated with a validation status.

108. (Currently amended) A method according to claim ~~99~~ 105, wherein the ticket service provider sends commands or media to the mobile terminal using a broadcast encryption technique.

109. (Currently amended) A method according to claim 108, wherein the broadcast encryption technique ~~includes~~ comprises at least the following:

- generating with a ticket issuer a root key, which can derive a number of seed keys;
- distributing the seed keys to users before issuing the active ticket;
- broadcasting a command encryption by the root key to indicate which of the seed keys can be used for decryption based on data managed by the ticket service provider; and
- allowing a user who is holding a valid seed key, which are allowed to decrypt the command package, to decrypt a command package and upgrade the ticket ~~characteristic~~ validation status to a valid one.

110. (Currently amended) A method according to claim ~~101~~ 105, wherein the ticket service provider sends commands or media to the mobile terminal using a push by request technique, including requesting payment or other measures from the mobile terminal user to upgrade the ticket validation status~~characteristic~~.

111. (Currently amended) A method according to claim 110, wherein the push by request technique ~~includes~~ comprises at least the following:

providing in an active ticket application a ticket provider's public key certificate;

signing any command by the ticket service provider and verifying the same by the active ticket application; and

changing the ticket status of an indicated active ticket based on the content inside a valid command.

112. (Currently amended) A method according to claim 101 ~~105~~, wherein the mobile terminal sends the ticket service provider a short message service signal containing payment data in order to make the payment.

113. (Currently amended) A method according to claim 101 ~~82~~, wherein the ~~ticket characteristic information includes~~ control signal comprises a uniform resource locator address where to download a ticket file containing information related to the ticket multimedia validation feature ~~characteristic~~.

114. (Previously presented) A method according to claim 113, wherein the mobile terminal saves the ticket file.

115. (Currently amended) A method according to claim 113, wherein the mobile terminal saves information related to how and/or /where to start an active ticket application.

116. (Currently amended) An apparatus ~~mobile terminal~~ comprising:
a processor; and
a memory including computer program code and
the memory and the computer program code configured to, working
with the processor, cause the apparatus to perform at least the following:
store a signal containing information about an active ticket in a
mobile terminal for use by a mobile terminal user, said stored active ticket
having a validation status being controlled by an active ticket application
module;
receive a control signal from a ticket service provider; and
in response to the received control signal, dynamically
changing a ticket multimedia validation feature of the active ticket provided by
the mobile terminal, for indicating a change in the validation status of the
active ticket, wherein said ticket multimedia feature comprises multimedia
data being used for the active ticket verification by a ticket inspector.
~~a mobile active ticket application module configured to receive an active ticket~~
~~for use by a mobile terminal user, and in response to a control signal,~~
~~dynamically change a ticket characteristic of the active ticket provided by the~~
~~mobile terminal based on one or more states in a life cycle of the active ticket,~~
~~where the ticket characteristic includes multimedia changes or other~~
~~presentation data, including text, sound, animation, video, still pictures, or~~
~~some combination thereof, for verification by a ticket inspector.~~

117. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ~~mobile~~ active ticket application module is configured to provide a request for the active ticket.

118. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket validation status comprises one or more ~~states in the life cycle include a state~~ of being either purchased, validated, invalidated, template, pre-valid, prepared, ~~or~~ and some combination thereof for one or more different events.

119. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket multimedia validation feature characteristic dynamically changes based on a payment by the user of the mobile terminal.

120. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket multimedia validation feature characteristic dynamically changes based on at least one of a predetermined time, status ~~or~~ and combination thereof.

121. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket multimedia validation feature characteristic dynamically changes based on a predetermined or changing geographic location.

122. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket multimedia validation feature ~~characteristic~~ dynamically changes based on a purchase transaction between a user of the mobile terminal and a ticket service provider.

123. (Currently amended) A method according to claim 75, wherein the ticket multimedia validation feature ~~characteristic~~ dynamically changes only after some user interaction based on an embedded algorithm in the active ticket and possible control data received from a ticket issuer.

124. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket multimedia validation feature ~~characteristic~~ dynamically changes only after some user interaction based on an embedded algorithm in the active ticket and possible control data received from a ticket issuer.

125. (Previously presented) A method according to claim 99, wherein the mobile terminal includes a centralized ticket manager for viewing and/or managing the tickets that a user has.

126. (Currently amended) A method according to claim 75, wherein the ticket multimedia validation feature ~~characteristic~~ dynamically changes based on an embedded algorithm driven by a control token sent by a ticket service provider.

127. (Currently amended) An apparatus ~~mobile terminal~~ according to claim 116, wherein the ticket multimedia validation feature ~~characteristic~~ dynamically changes based on an embedded algorithm driven by a control token sent by a ticket service provider.

128. (Currently amended) A method according to claim 99, wherein the ticket service provider includes a ticket inspector, said ticket inspector ~~which may be~~ comprises at least one of a digital machine or and human being for ticket verification on its validity and correctness.

129. (Previously presented) A method according to claim 75, wherein a number of ticket services support are managed at the same time or in series.

130. (Previously presented) A method according to claim 129, wherein one ticket service depends on a previous ticket service.

131. (Currently amended) Apparatus comprising:

means for storing a signal containing information about an active ticket in a mobile terminal for use by a mobile terminal user, said stored active ticket having a validation status;

means for receiving a control signal from a ticket service provider; and

means, in response to a the received control signal, for dynamically changing a ticket multimedia validation feature of the active ticket provided by the mobile terminal, for indicating a change in the validation status of the active ticket, wherein said ticket multimedia feature includes comprises multimedia data being used for the active ticket verification by a ticket inspector
~~means for receiving an active ticket in a mobile terminal for use by a mobile terminal user; and means, in response to a control signal, for dynamically changing a ticket characteristic of the active ticket provided by the mobile terminal based on one or more states in a life cycle of the active ticket, where the ticket characteristic includes multimedia changes or other presentation data, including text, sound, animation, video, still pictures, or some combination thereof, for verification by a ticket inspector.~~

132. (Currently amended) Apparatus according to claim 131, wherein the means for receiving is configured to provide a request for the active ticket.

133. (Currently amended) Apparatus according to claim 131, wherein
the validation status comprises one or more states in the life cycle include a
~~state of~~ being either purchased, validated, invalidated, template, pre-valid,
prepared, or some combination thereof for one or more different events.